



HP Pavilion - 17 g173ca Disassembly to access RAM and Hard drive

This should apply to many similar HP Pavilion laptops of similar age. There are a few little tricks to opening this to access the RAM slots hard drive.

Written By: rmac

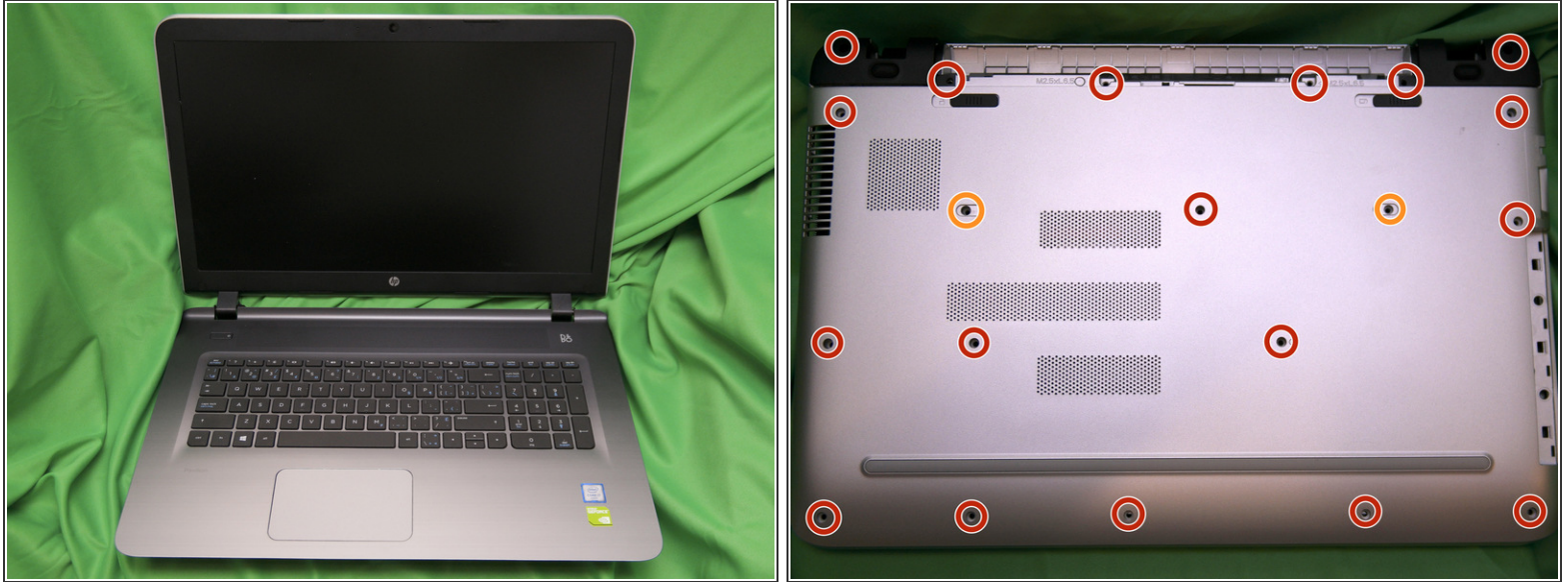


INTRODUCTION

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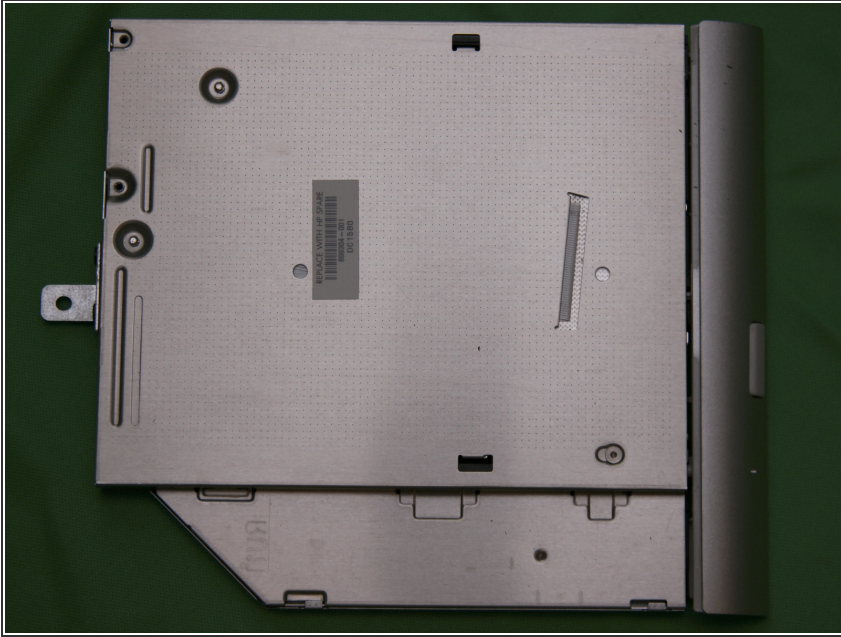
There are a few little tricks to opening this to access the RAM slots hard drive.

Step 1 — HP Pavilion - 17 g173ca Disassembly to access RAM and Hard drive



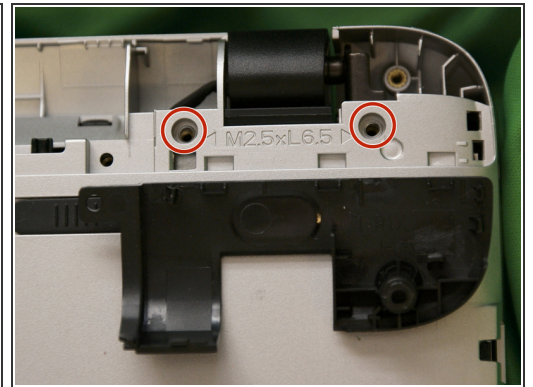
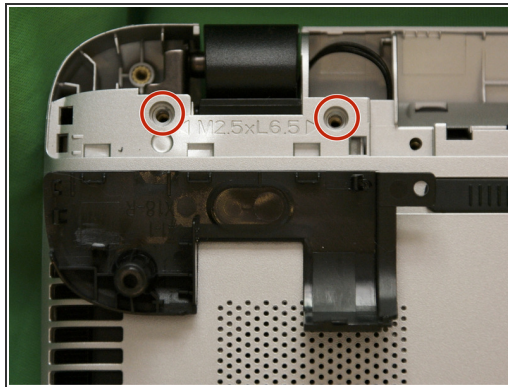
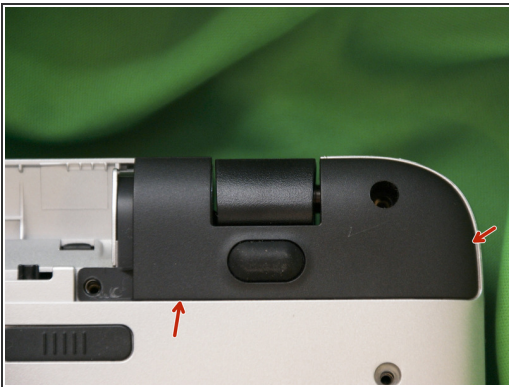
- Start by disconnecting the power cord, then turn over and remove the battery
- There are a large number of screws visible on the bottom, they are all the same size and length, remove them all.
- There are two screws hidden under silver stickers, indicated by the orange circles, remove the stickers and the screws underneath.

Step 2



- Remove the optical drive, if all the screws have been removed it should slide out easily.

Step 3



- Use a guitar pick to release the plastic clips at the points shown on the black covers near the hinges.
- If you just pry the black covers off a small clip will break but the clips are not important.
- Once the covers are off, remove two more screws from underneath the covers.
- All of the screws are the same as the ones already removed.

Step 4



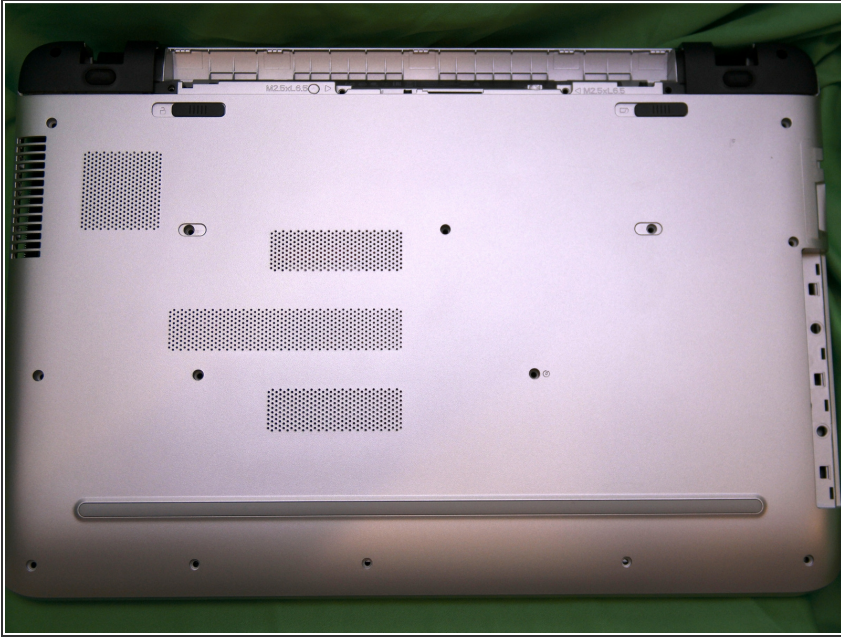
- Turn the laptop back upright and open the lid
- Using a guitar pick, release the plastic retaining clips that hold the bottom of the case on.
- Release the areas marked with green first, then the yellow and last the orange.
- Close the lid and turn the unit upside down again.
- The bottom cover should now be free, lift the front part first and push the cover toward the hinges.
- If the cover resists make sure you have removed all the bottom screws including the two hidden under stickers.

Step 5



- With the bottom cover removed the hard drive and RAM are easily accessible.
- The hard drive is held in only by friction,
- To remove the hard drive from its mount lift the drive a bit from the end near the data and power cables
- Disconnect the power and data cables, the cable is a delicate ribbon cable so be gentle, don't pull it out or the way too far.
- Lift the cable end a bit more and slide the drive towards the ram a bit to release the clips holding down the other end.
- the mounting frame can just be pulled free from the drive, it is also only attached by friction.

Step 6



- When reassembling, keep the unit upside down and slide the bottom cover back into place hinges first.
- It is a little fiddly getting the clips near the hinges and battery compartment seated.
- Once the hinge area is close to being tight enough to push the clips back together, run your fingers down the sides by the keyboard to clip the sides and front.
- Turn the unit upright open the lid and slide your fingers along the edge under the display and all the way around the edge to be sure all of the clips are back in place.
- Reinstall the optical drive.
- Turn the unit upside down again.
- Replace the screws that will be hidden under the black covers by the hinges.
- Replace the black covers by the hinges and then all of the rest of the screws. Don't forget the cover stickers for the two hidden screws.

To reassemble your device, follow these instructions in reverse order.

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